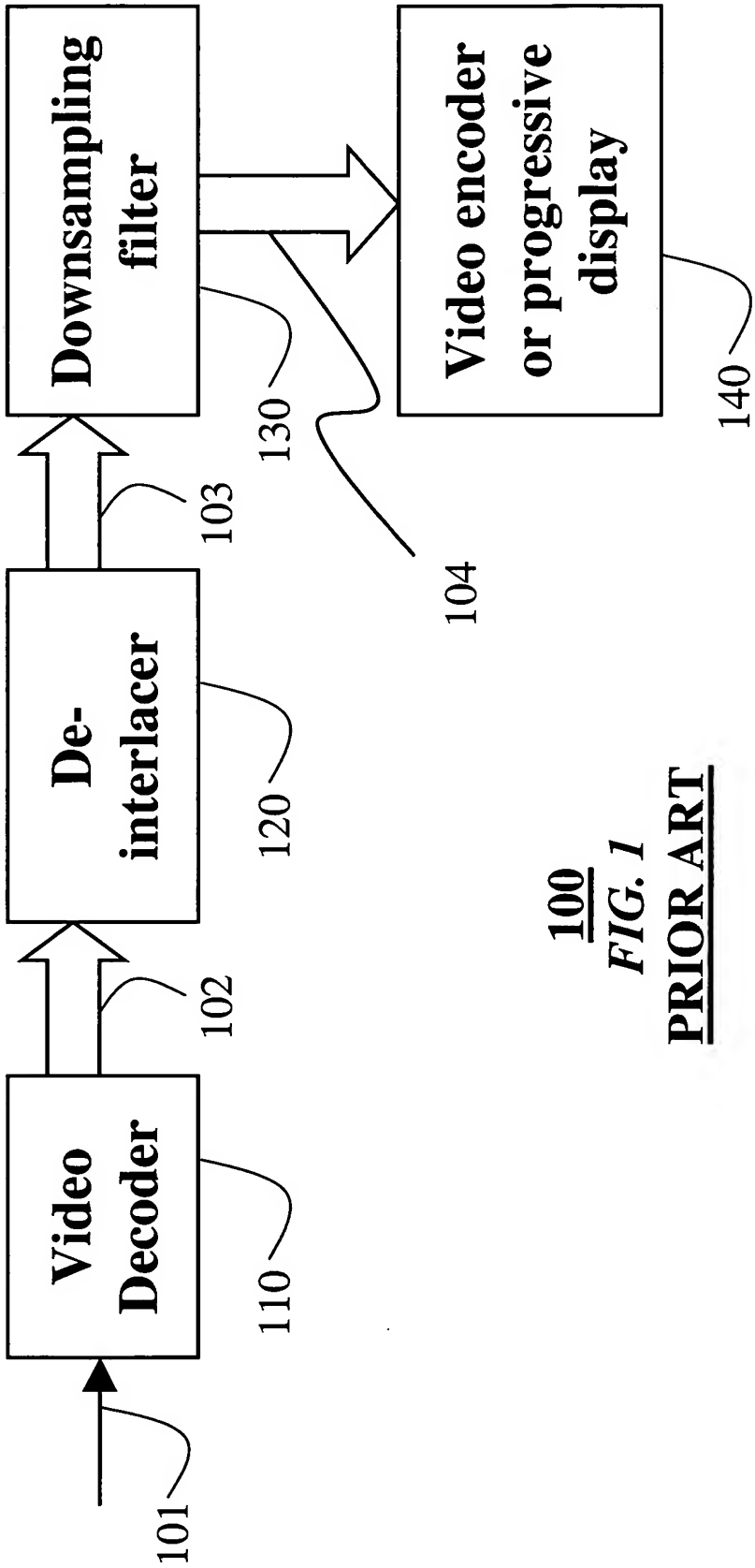

100
FIG. 1
PRIOR ART

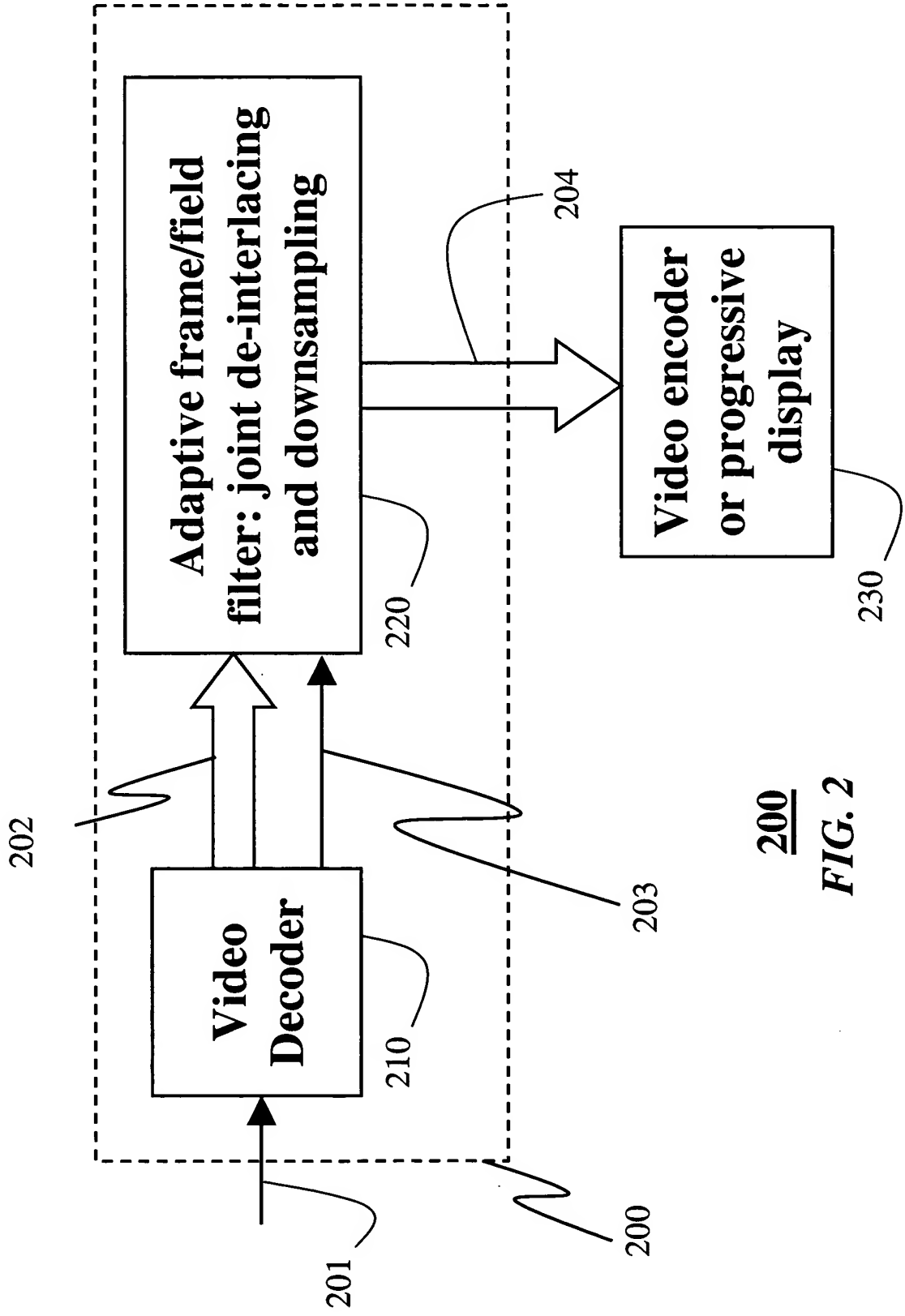
Adaptive frame/field filter: joint de-interlacing and downsampling
Video encoder or progressive display
Video Decoder
200
201
202
203
204
210
220
230

FIG. 2

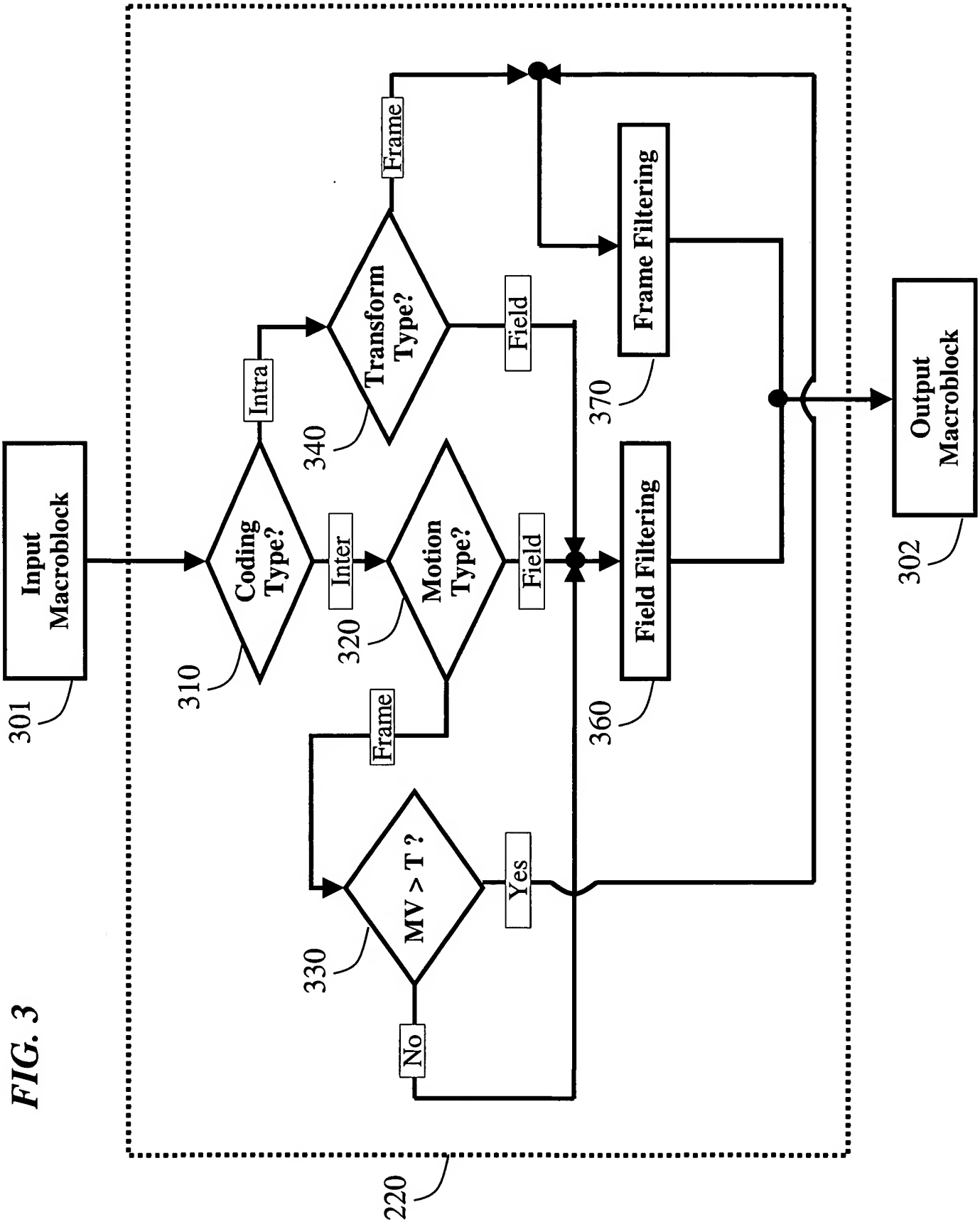
Input Macroblock
301
Coding Type?
310
Intra
Inter
Transform Type?
340
Frame
Field
Motion Type?
320
Frame
Field
MV > T ?
330
Yes
No
Frame Filtering
370
Field Filtering
360
Output Macroblock
302
220

FIG. 3

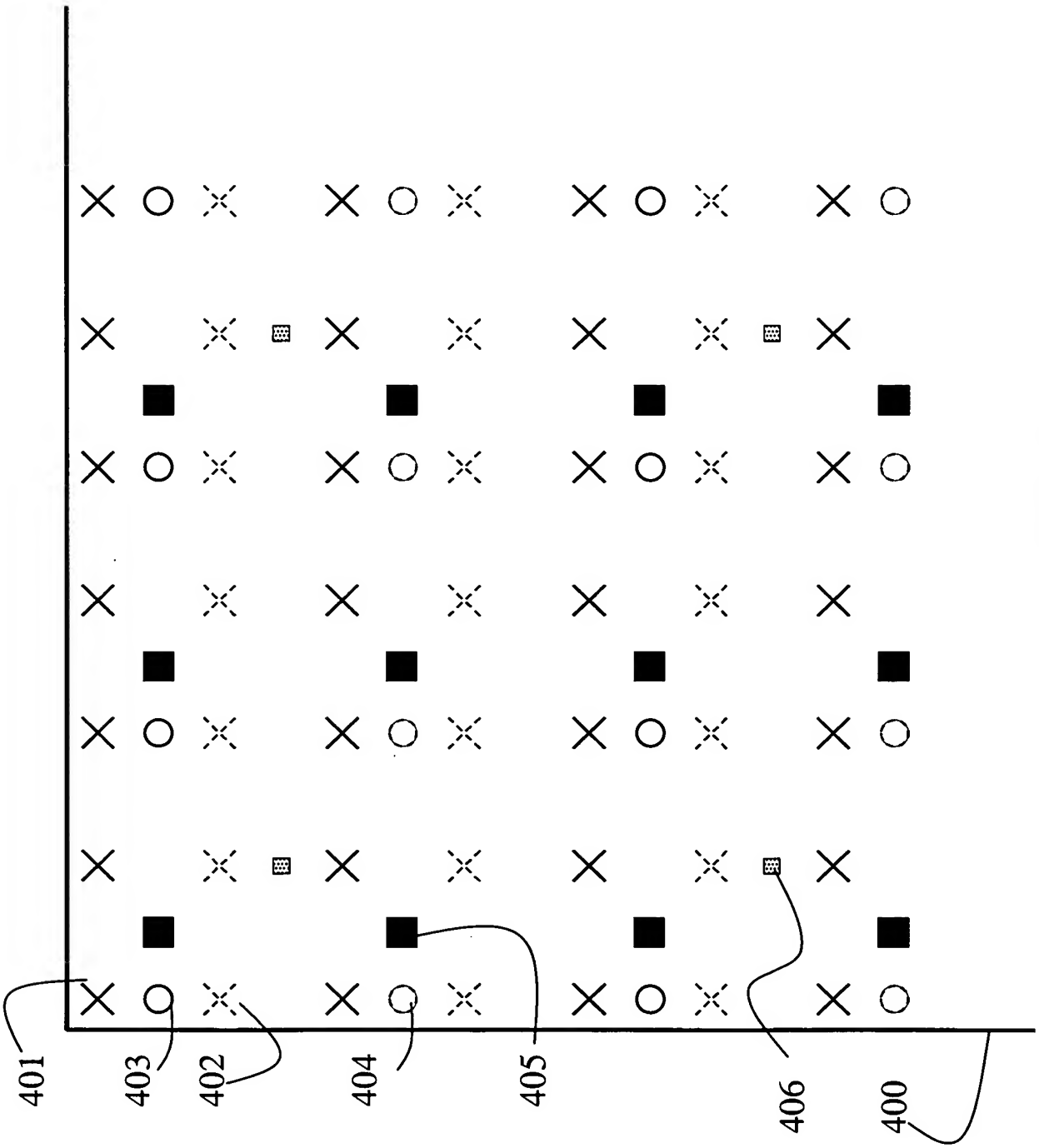

FIG. 4

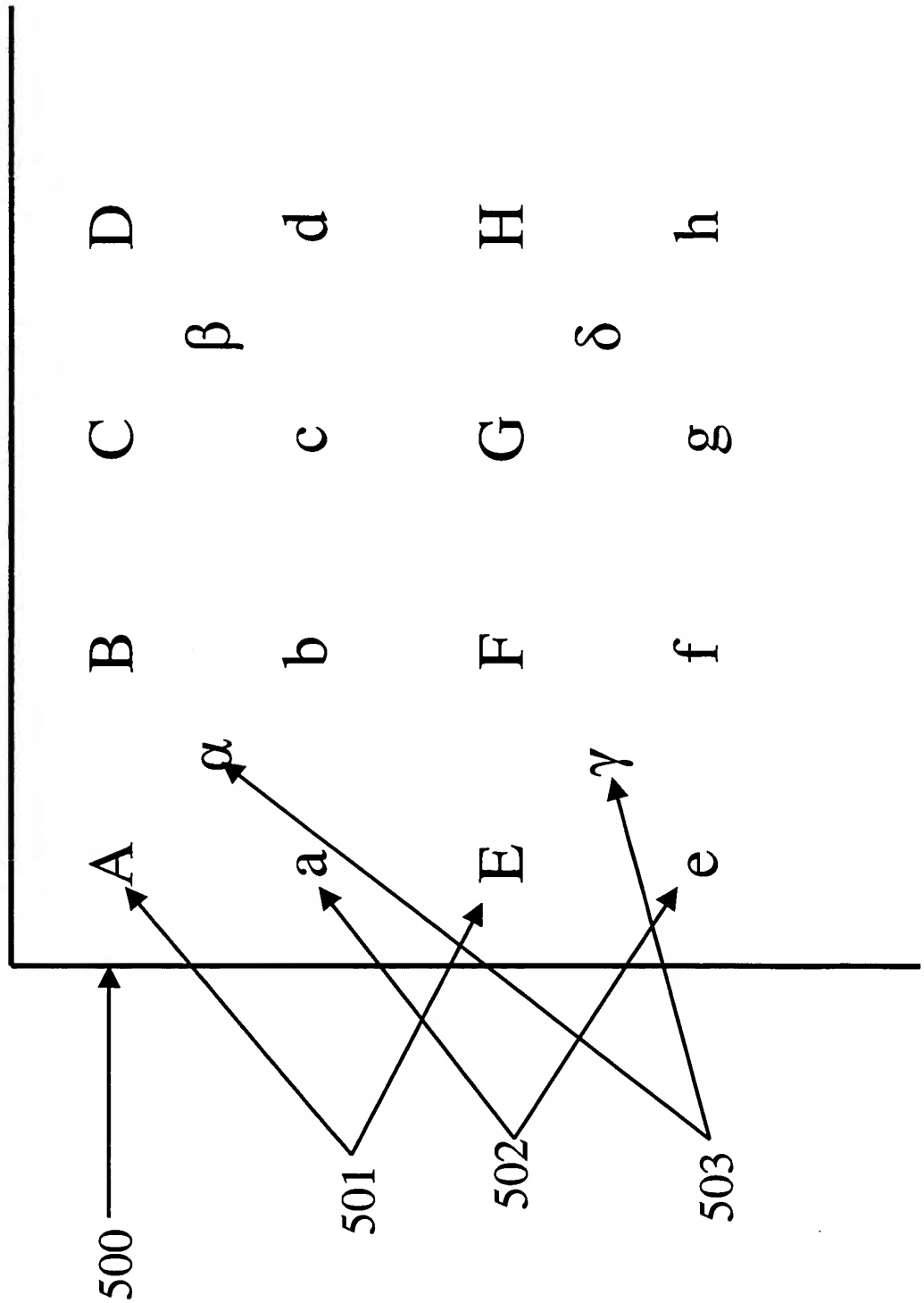

FIG. 5